

SEQUENCE LISTING

<110> Reed, John C.
Houghten, Richard A.
Nefzi, Adel
Ostresh, John M.
Pinilla, Clemencia
Welsh, Kate

<120> Methods and Compositions for
Derepression of IAP-Inhibited Caspase

<130> 66821-058

<150> US 60/331,957

<151> 2001-11-21

<150> US 10/302,811

<151> 2002-11-21

<160> 16

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<221> VARIANT

<222> 4

<223> Xaa = Any Amino Acid

<400> 1

Gln Ala Cys Xaa Gly

1

5

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic construct

<400> 2

Asp Glu Val Asp

1

<210> 3
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 3
Tyr Val Ala Asp
1

<210> 4
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 4
Ala Val Pro Ile
1

<210> 5
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<221> AMIDATION
<222> 7
<223> at the C-terminus

<221> MOD_RES
<222> 1
<223> hydrogenated at the N-terminus

<400> 5
Ala Val Pro Ile Ala Gln Lys
1 5

<210> 6
<211> 4
<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 6

Ala Val Pro Ser

1

<210> 7

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> (1)...(2)

<223> Xaa = any amino acid

<400> 7

Xaa Xaa Ala Ala Trp Trp

1

5

<210> 8

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> (1)...(2)

<223> Xaa = any amino acid

<400> 8

Xaa Xaa Gly Ala Trp Trp

1

5

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<221> VARIANT

<222> (1)...(2)
<223> Xaa = any amino acid

<400> 9
Xaa Xaa Arg Ala Trp Trp
1 5

<210> 10
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> (1)...(2)
<223> Xaa = any amino acid

<400> 10
Xaa Xaa Cys Lys Trp Trp
1 5

<210> 11
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> 1, 2
<223> Xaa = Any Amino Acid

<400> 11
Xaa Xaa Phe Trp Trp Trp
1 5

<210> 12
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> 1, 2
<223> Xaa = Any Amino Acid

<400> 12
Xaa Xaa Leu Trp Trp Trp
1 5

<210> 13
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> 1, 2
<223> Xaa = Any Amino Acid

<400> 13
Xaa Xaa Trp Leu Trp Trp
1 5

<210> 14
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> 1, 2
<223> Xaa = Any Amino Acid

<400> 14
Xaa Xaa Trp Trp Trp
1 5

<210> 15
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<221> VARIANT
<222> (1) ... (2)
<223> Xaa=any amino acid

<400> 15

Xaa Xaa Leu Lys Trp Trp
1 5

<210> 16
<211> 68
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence

<221> VARIANT
<222> 1-3,6,9,10,13,14,16,18-21,24,30,33,35,37,40,42-44,46,47,
49-51,53-57,59,61,62,64,66
<223> Xaa=Any amino acid

<221> VARIANT
<222> 15
<223> Xaa=any amino acid that may or may not be present

<221> VARIANT
<222> 5,17,28,29,45,68
<223> Xaa=a hydrophobic amino acid

<221> VARIANT
<222> 7
<223> Xaa=serine or threonine

<221> VARIANT
<222> 8,67
<223> Xaa=phenylalanine or tyrosine

<221> VARIANT
<222> (12)...(12)
<223> Xaa=proline that may or may not be present

<221> VARIANT
<222> (52)...(52)
<223> Xaa=aspartic or glutamic acid

<221> VARIANT
<222> (66)...(66)
<223> Xaa=a basic amino acid

<400> 16
Xaa Xaa Xaa Arg Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa
1 5 10 15
Xaa Xaa Xaa Xaa Xaa Leu Ala Xaa Ala Gly Phe Xaa Xaa Xaa Gly Xaa
20 25 30
Xaa Asp Xaa Val Xaa Cys Phe Xaa Cys Xaa Xaa Xaa Xaa Xaa Trp
35 40 45
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Pro Xaa

50

Cys Xaa Xaa Xaa

65

55

60